

Program EVALPLOT
(Version 2018-1)

by

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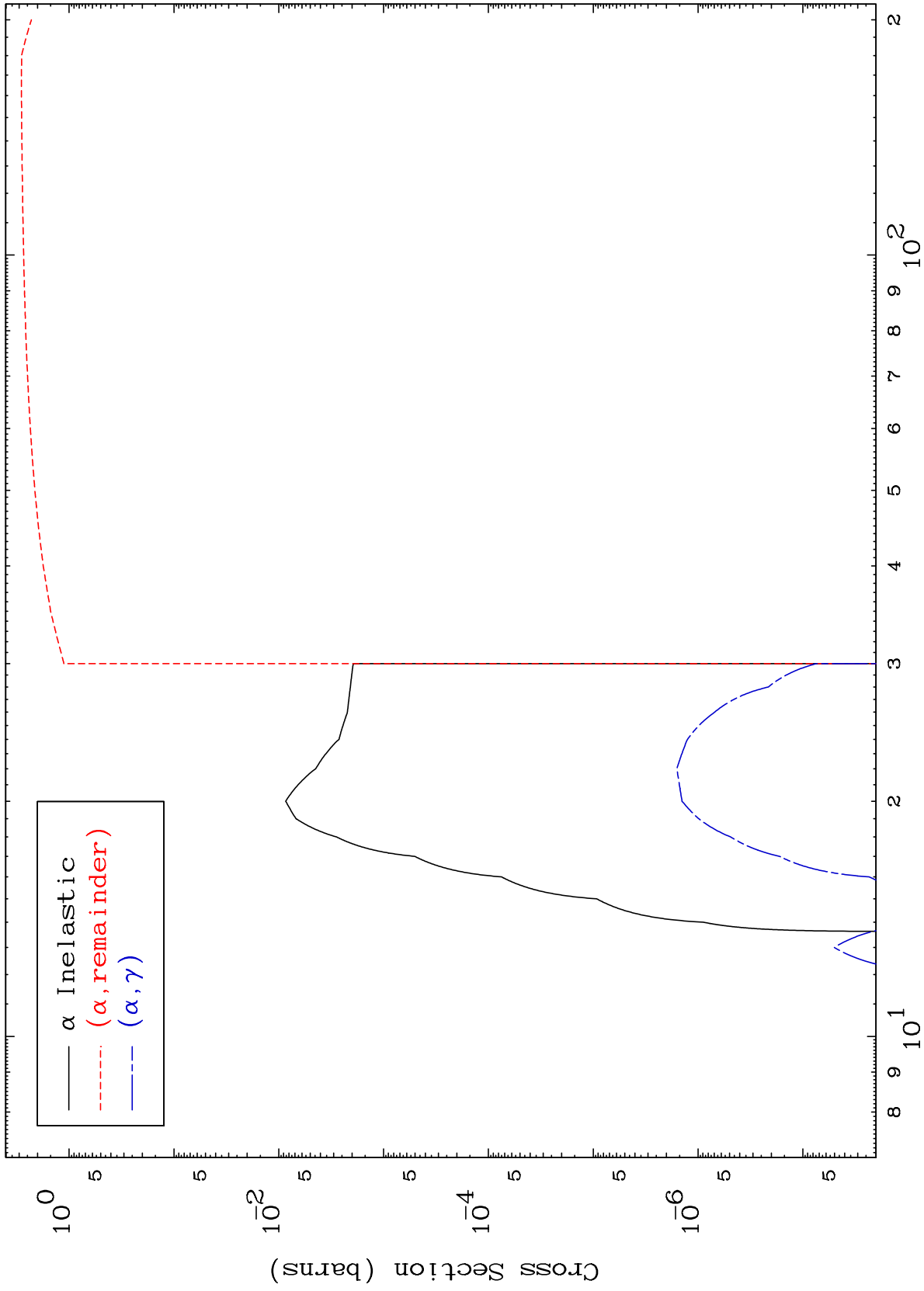
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8337

0 Kelvin α Major
Cross Sections

83-Bi-213



1

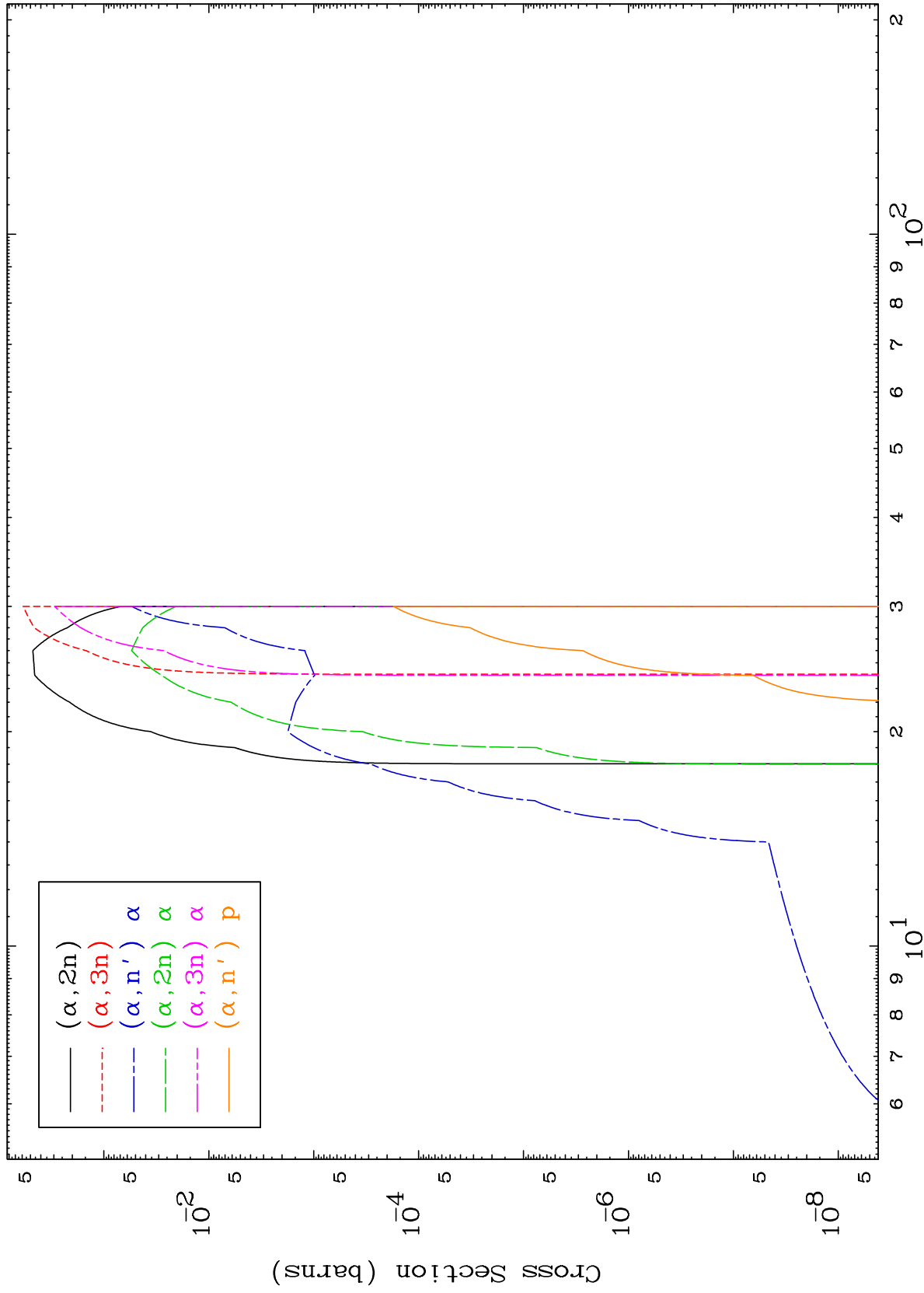
Incident Energy (MeV)

83-Bi-213

MAT 8337

α Neutron Production
0 Kelvin Cross Sections

83-Bi-213



2

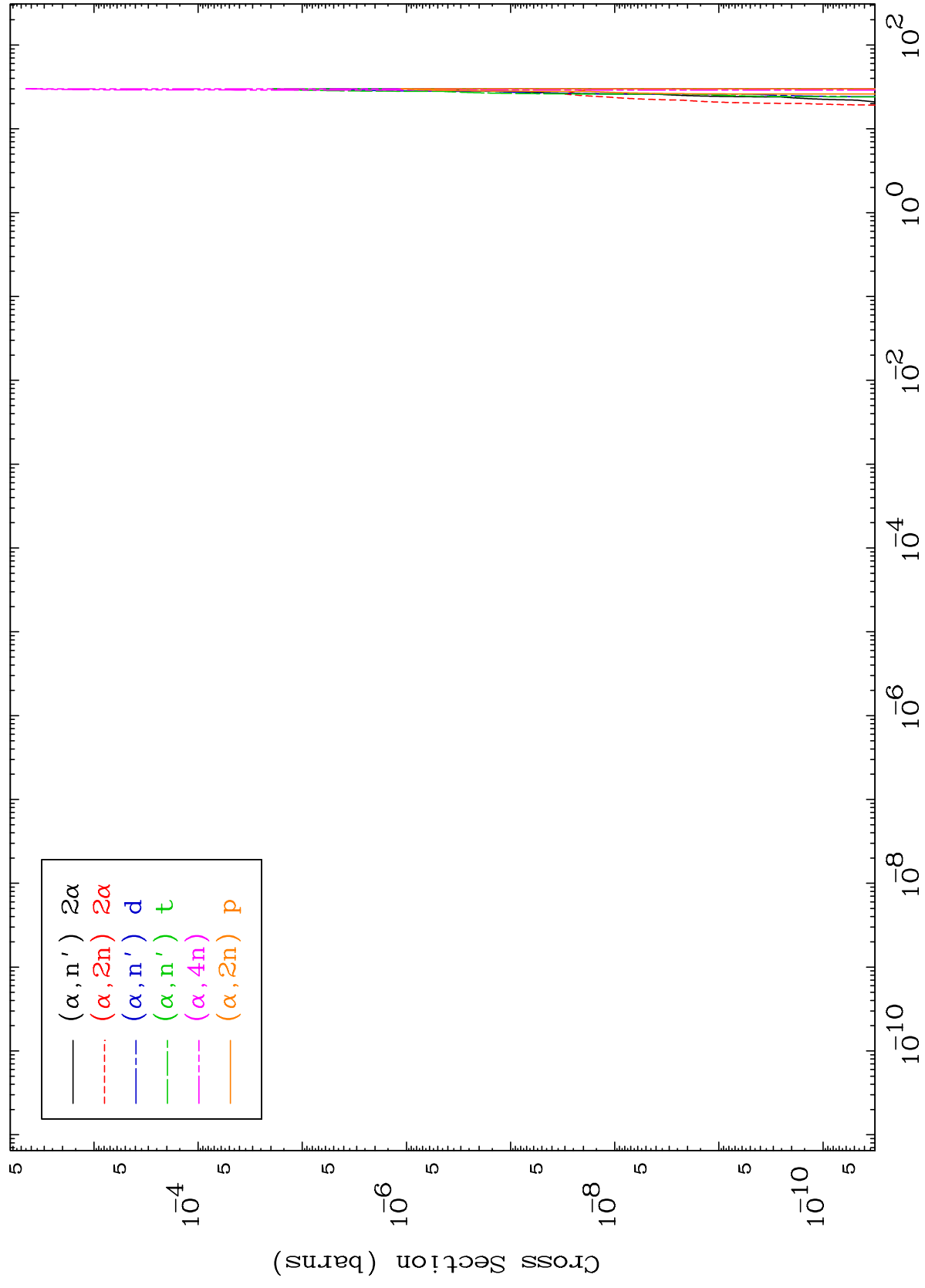
Incident Energy (MeV)

83-Bi-213

MAT 8337

α Neutron Production
0 Kelvin Cross Sections

83-Bi-213

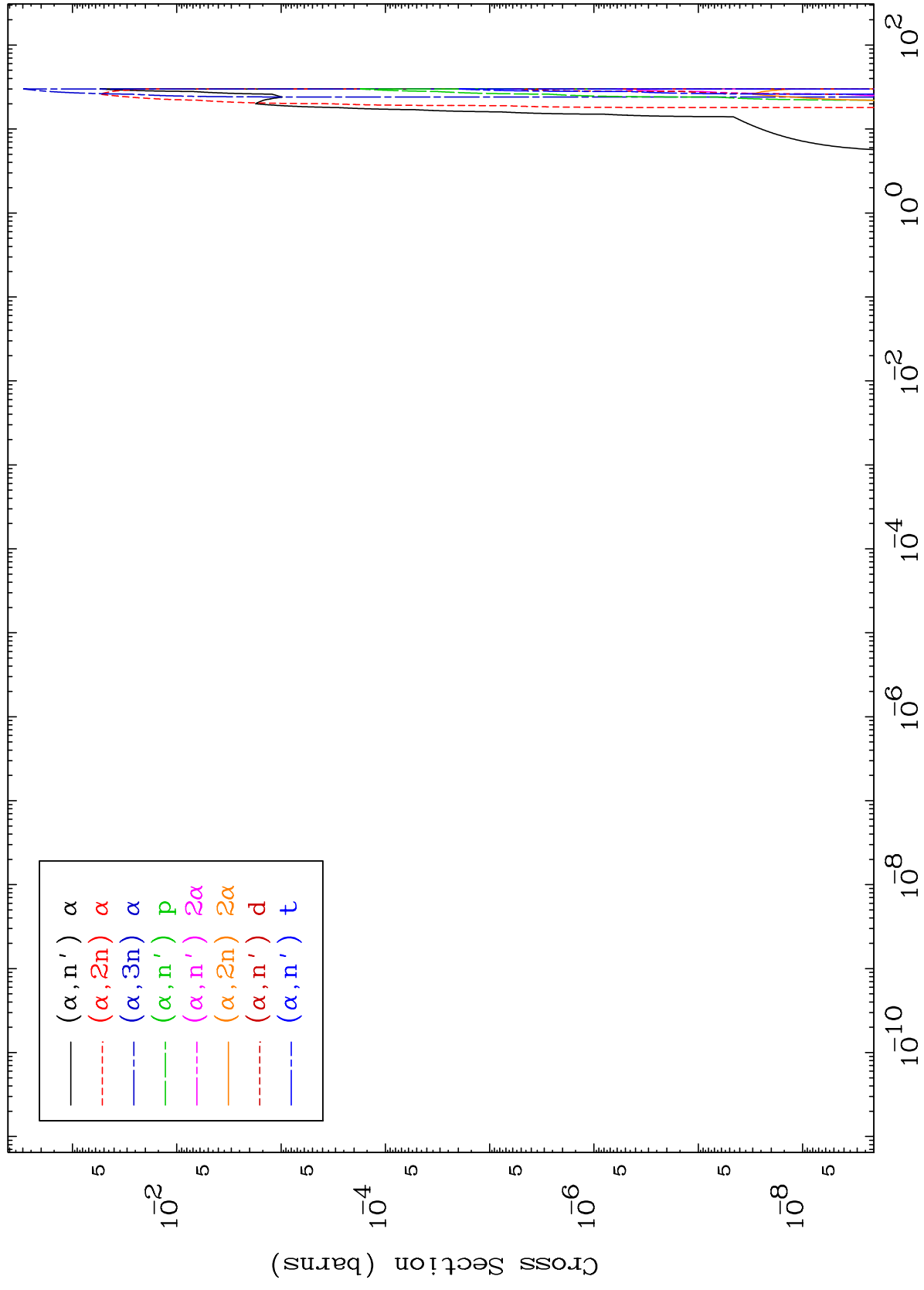


83-Bi-213

MAT 8337

α Charged Particle
0 Kelvin Cross Sections

83-Bi-213

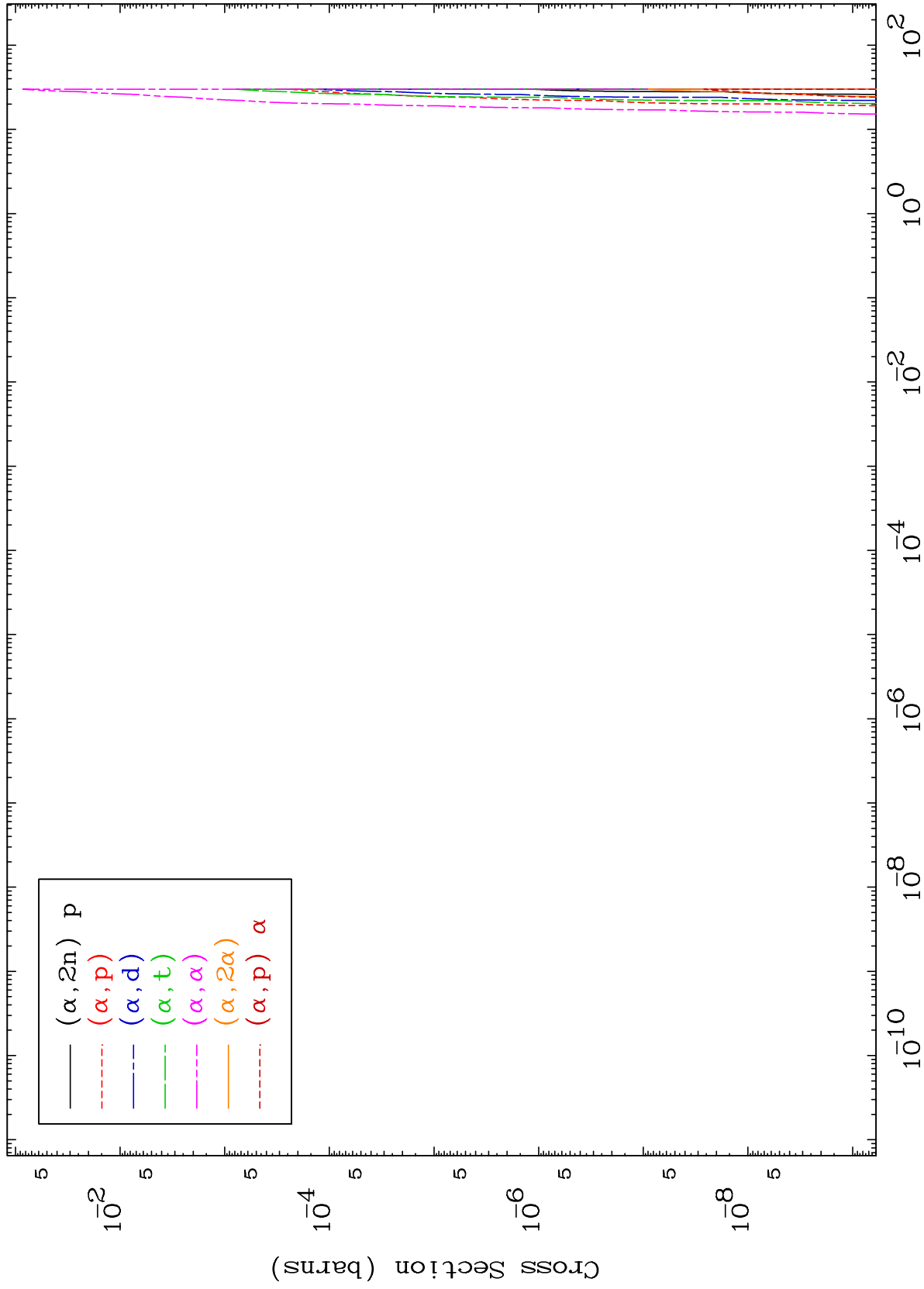


83-Bi-213

MAT 8337

α Charged Particle
0 Kelvin Cross Sections

83-Bi-213



5

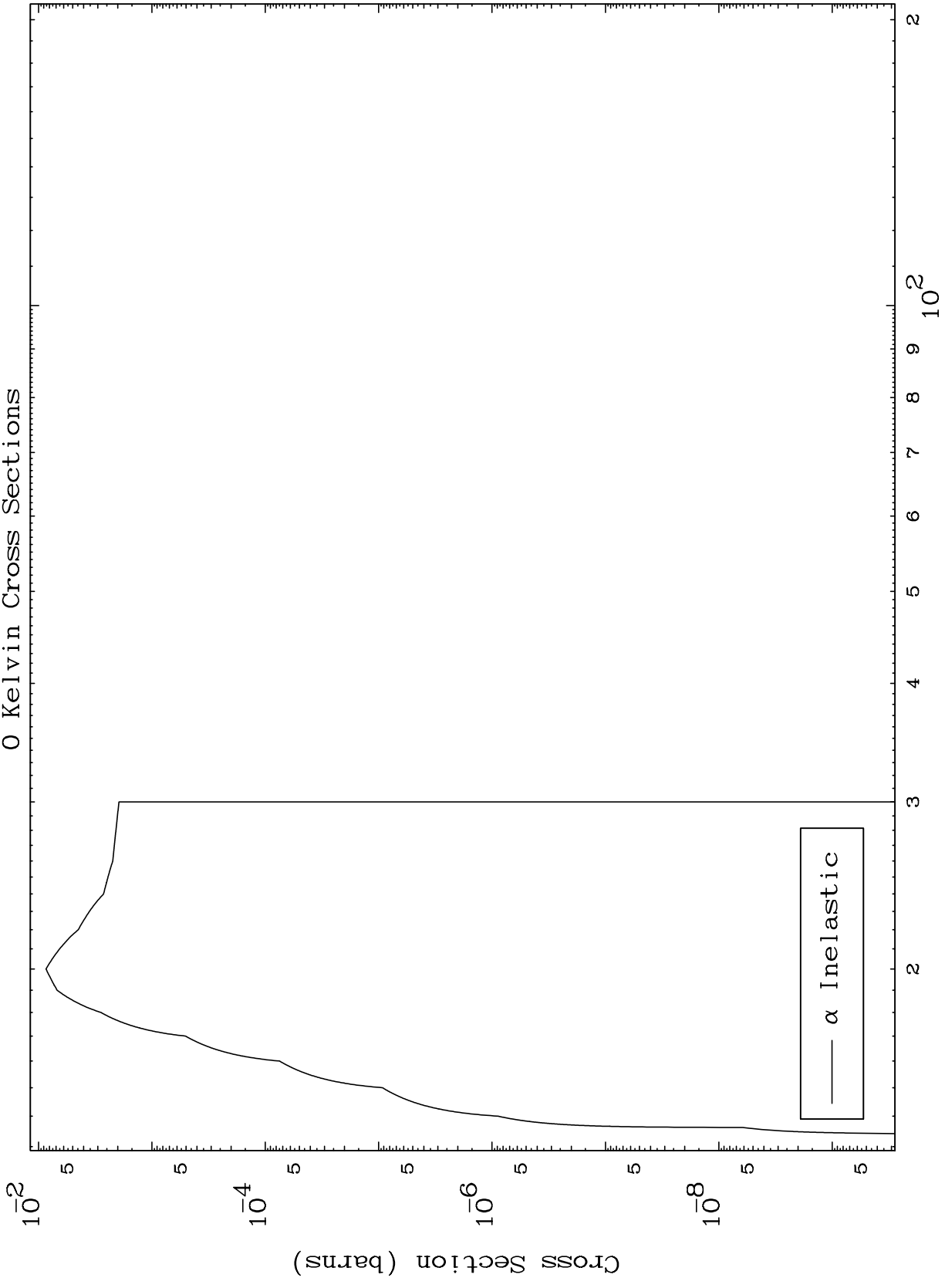
Incident Energy (MeV)

83-Bi-213

MAT 8337

83-Bi-213

(α, n') Level
0 Kelvin Cross Sections



6

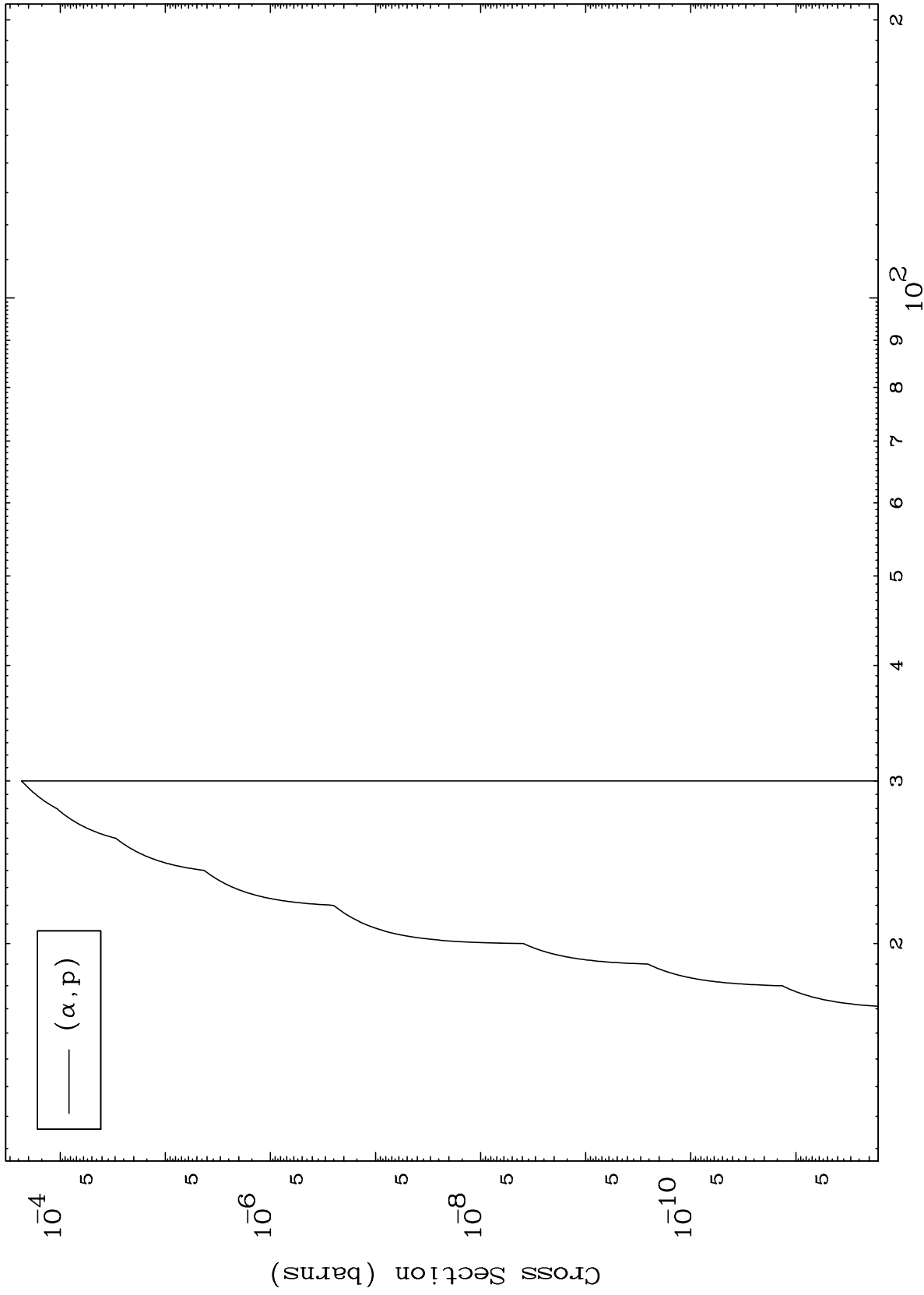
83-Bi-213

Incident Energy (MeV)

MAT 8337

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-213



7

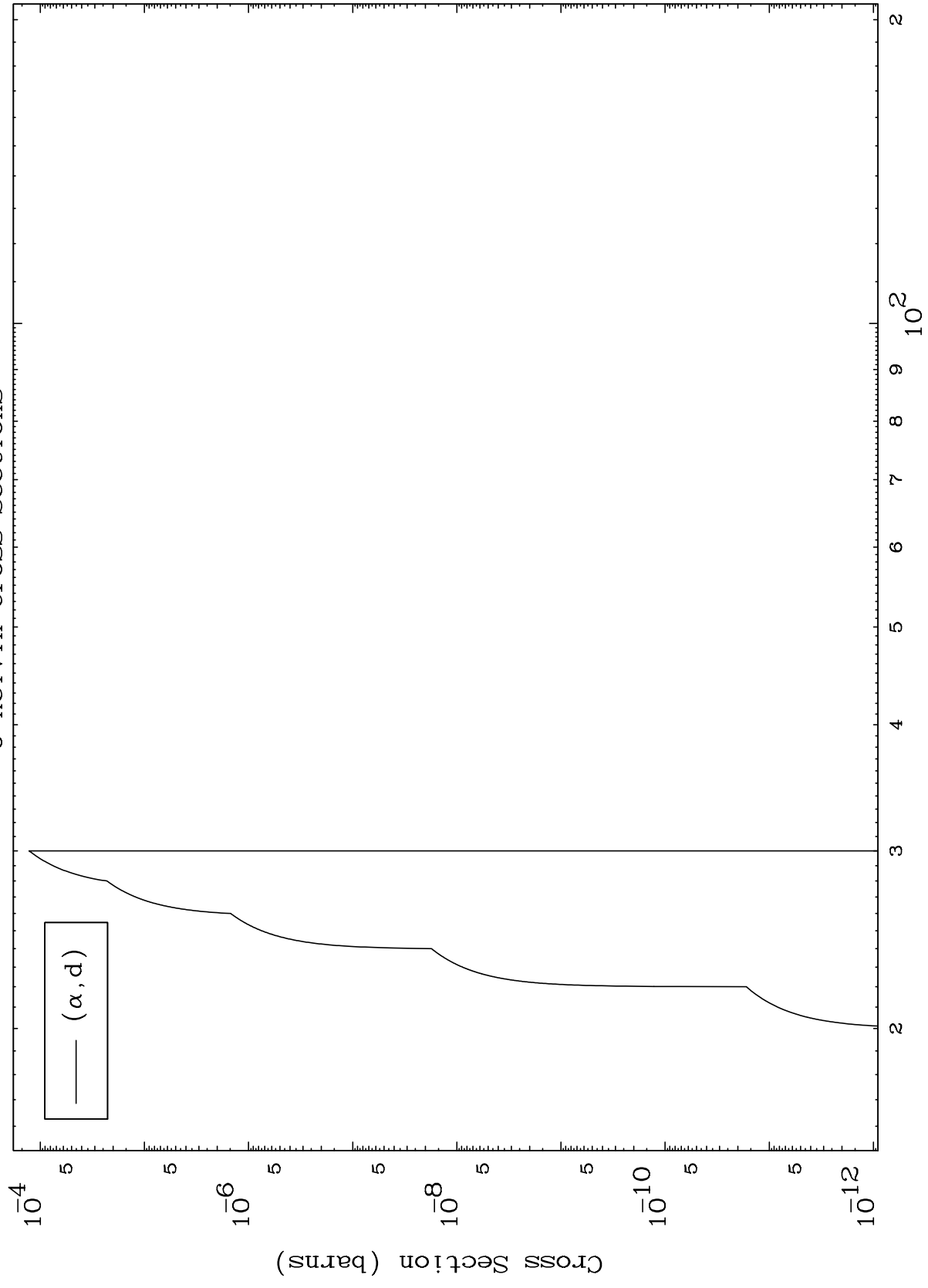
Incident Energy (MeV)

83-Bi-213

MAT 8337

(α, d) Levels
0 Kelvin Cross Sections

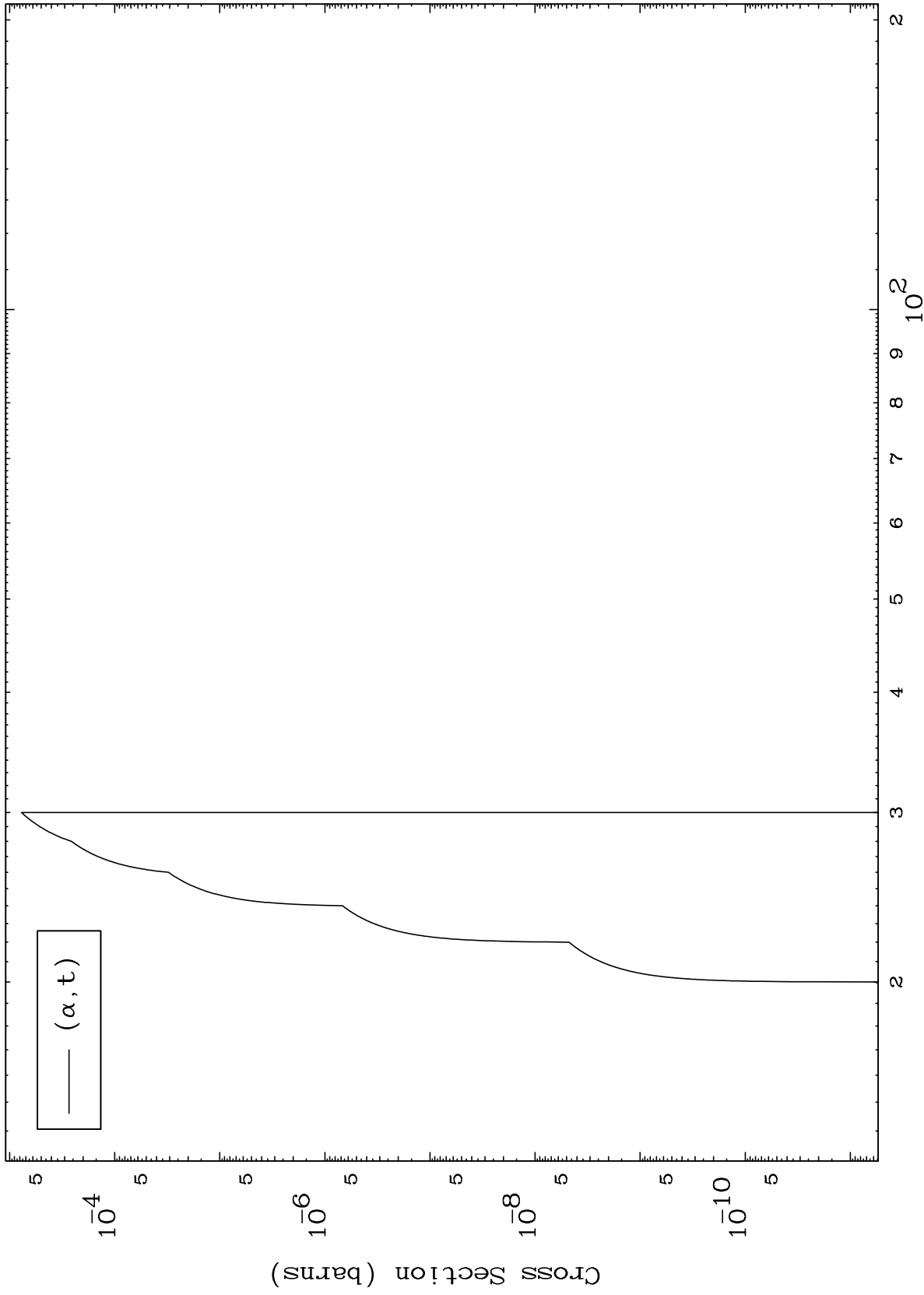
83-Bi-213



8

Incident Energy (MeV)

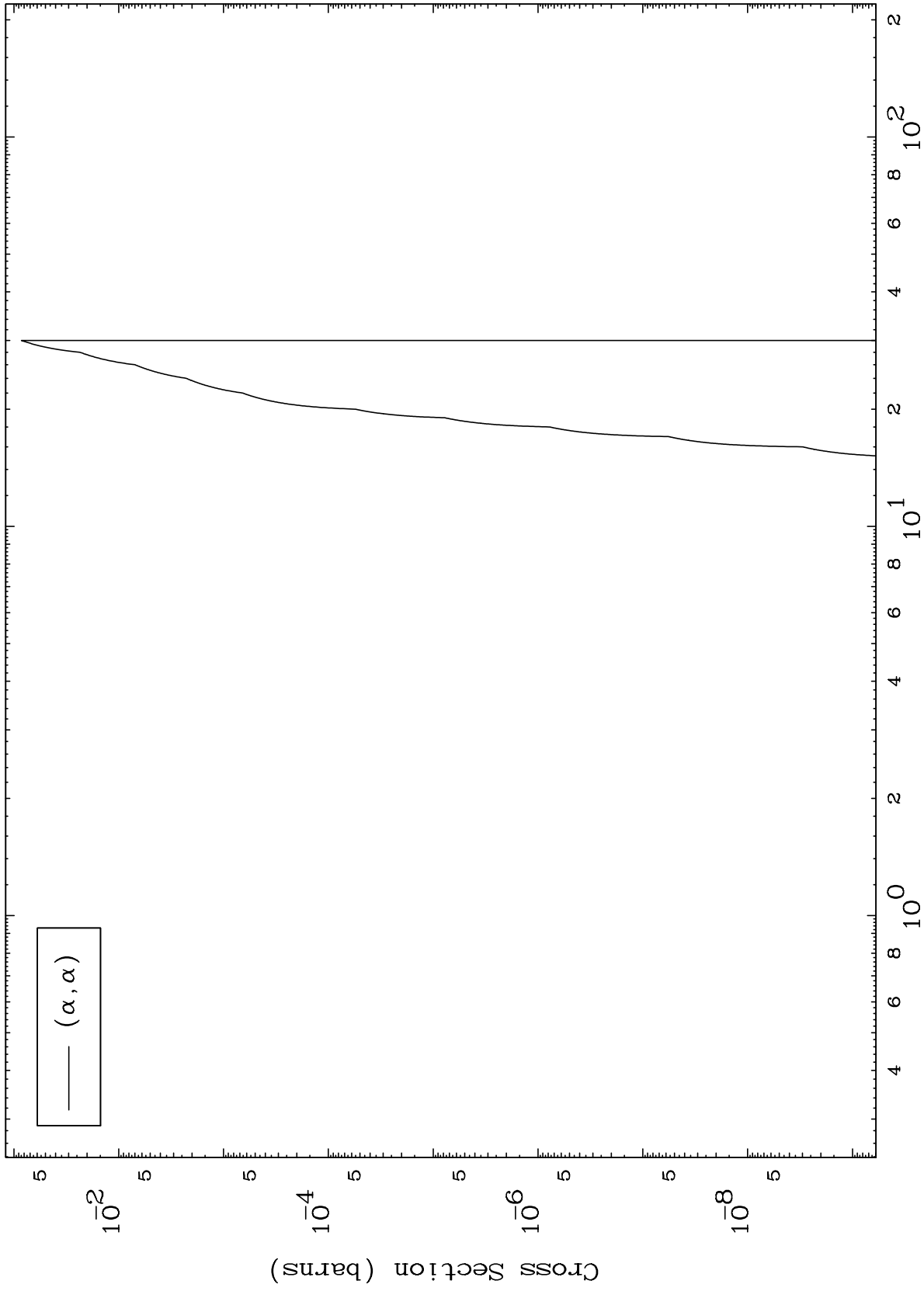
83-Bi-213



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(α, α) Levels
0 Kelvin Cross Sections

83-Bi-213



10

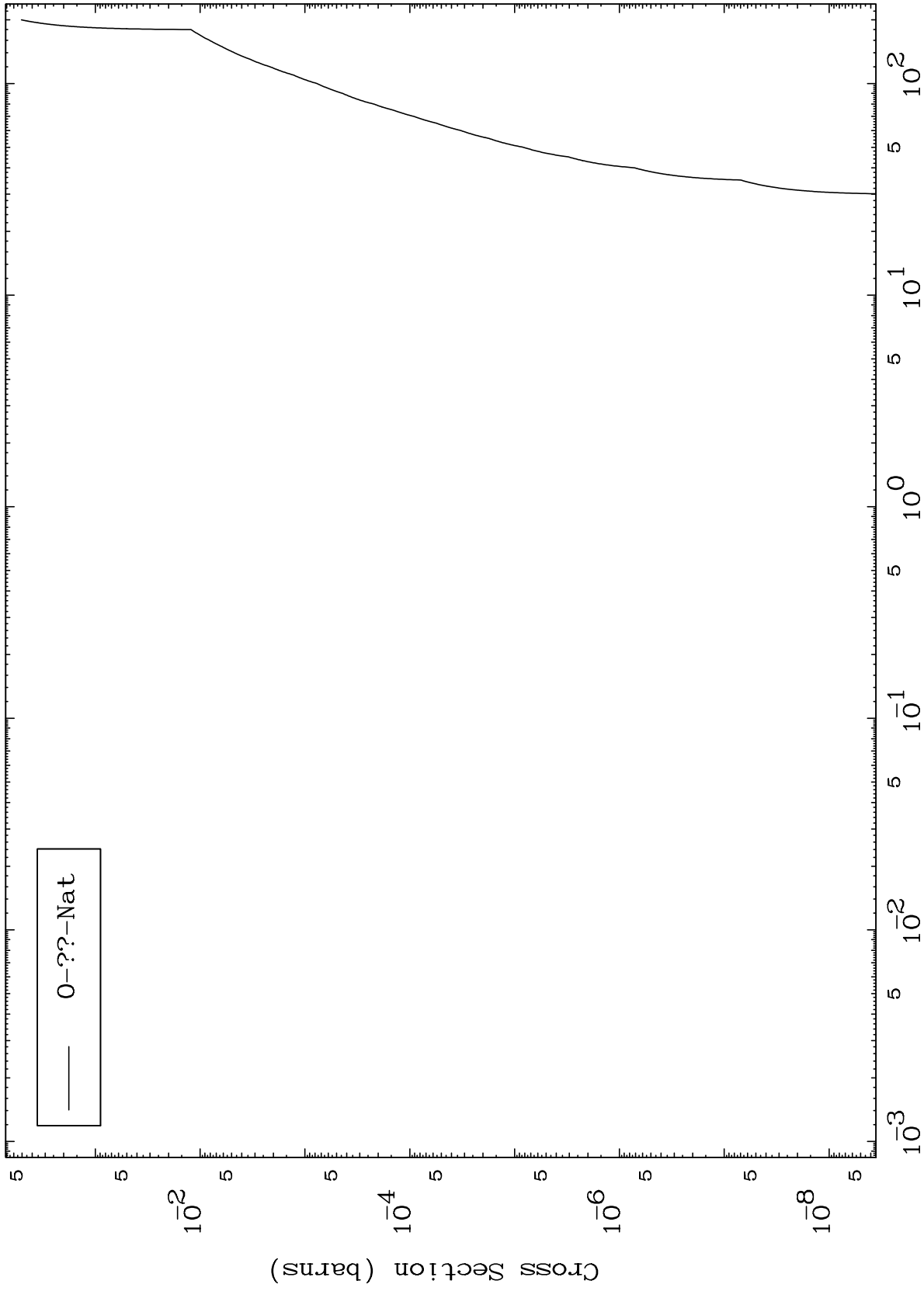
Incident Energy (MeV)

83-Bi-213

MAT 8337

α Fission
Radionuclide Production Cross Section

83-Bi-213



11

Incident Energy (MeV)

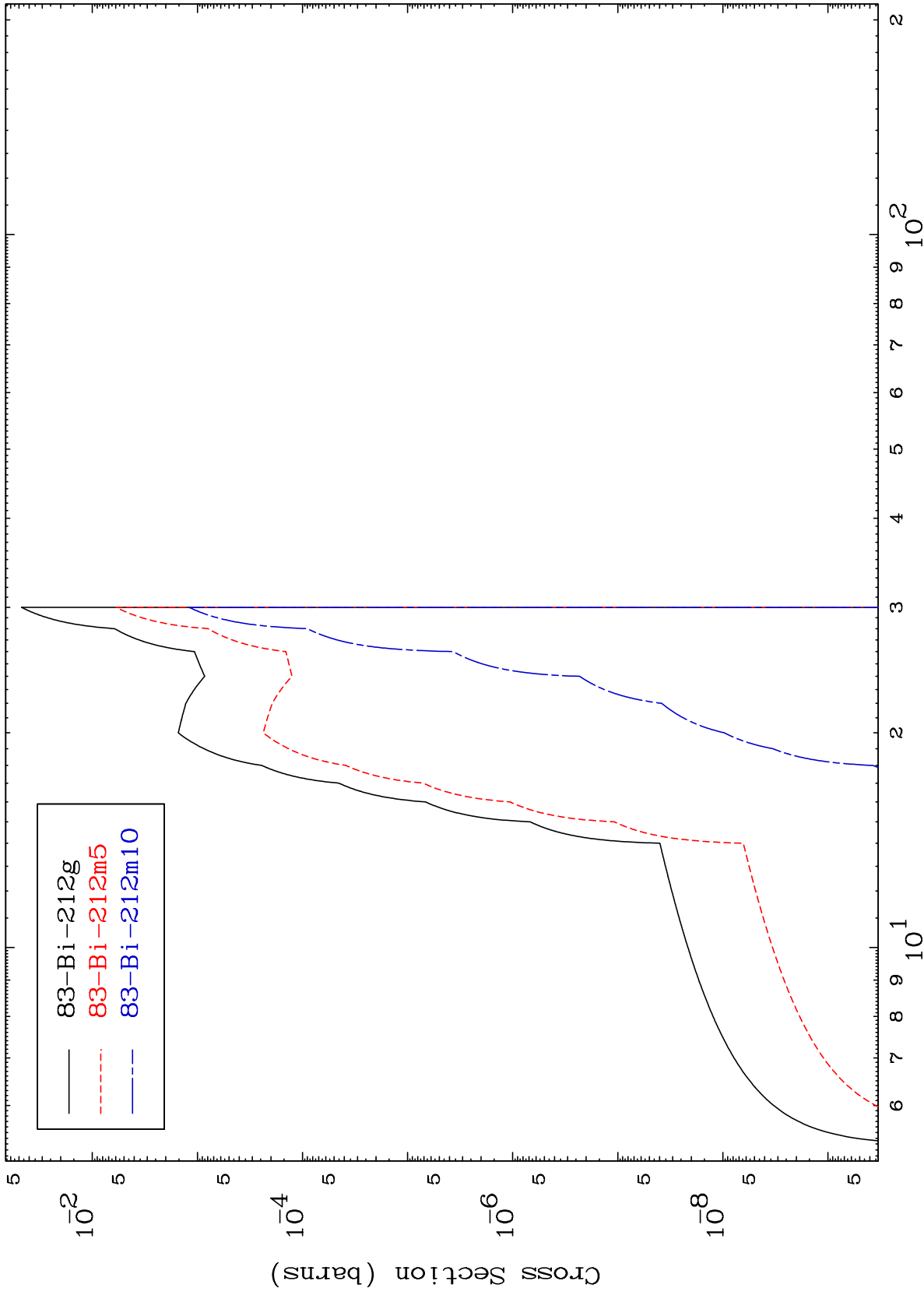
83-Bi-213

MAT 8337

(α, n') α

83-Bi-213

Radionuclide Production Cross Section



12

Incident Energy (MeV)

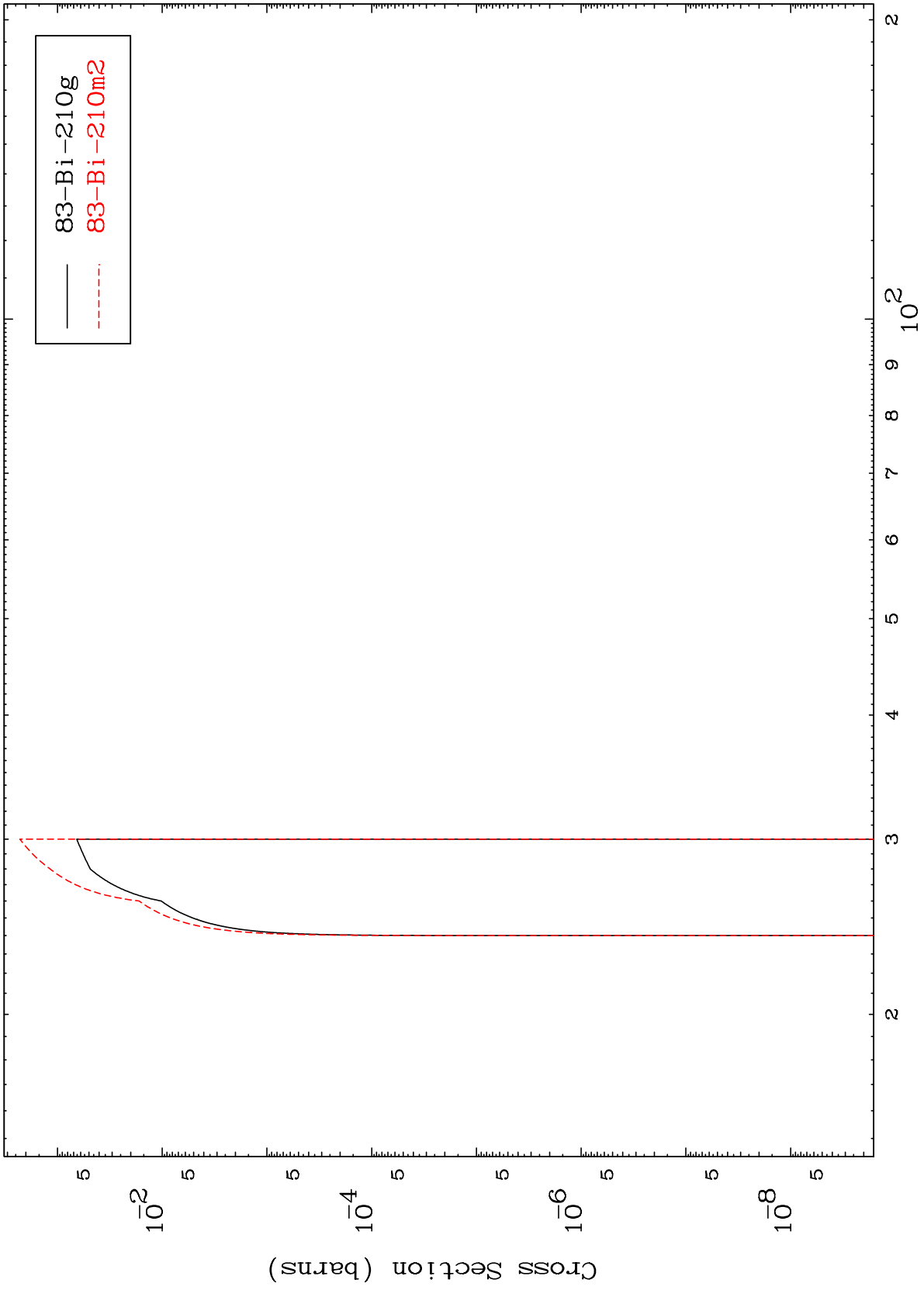
83-Bi-213

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$(\alpha, 3n) \alpha$

$^{83}\text{Bi}-213$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

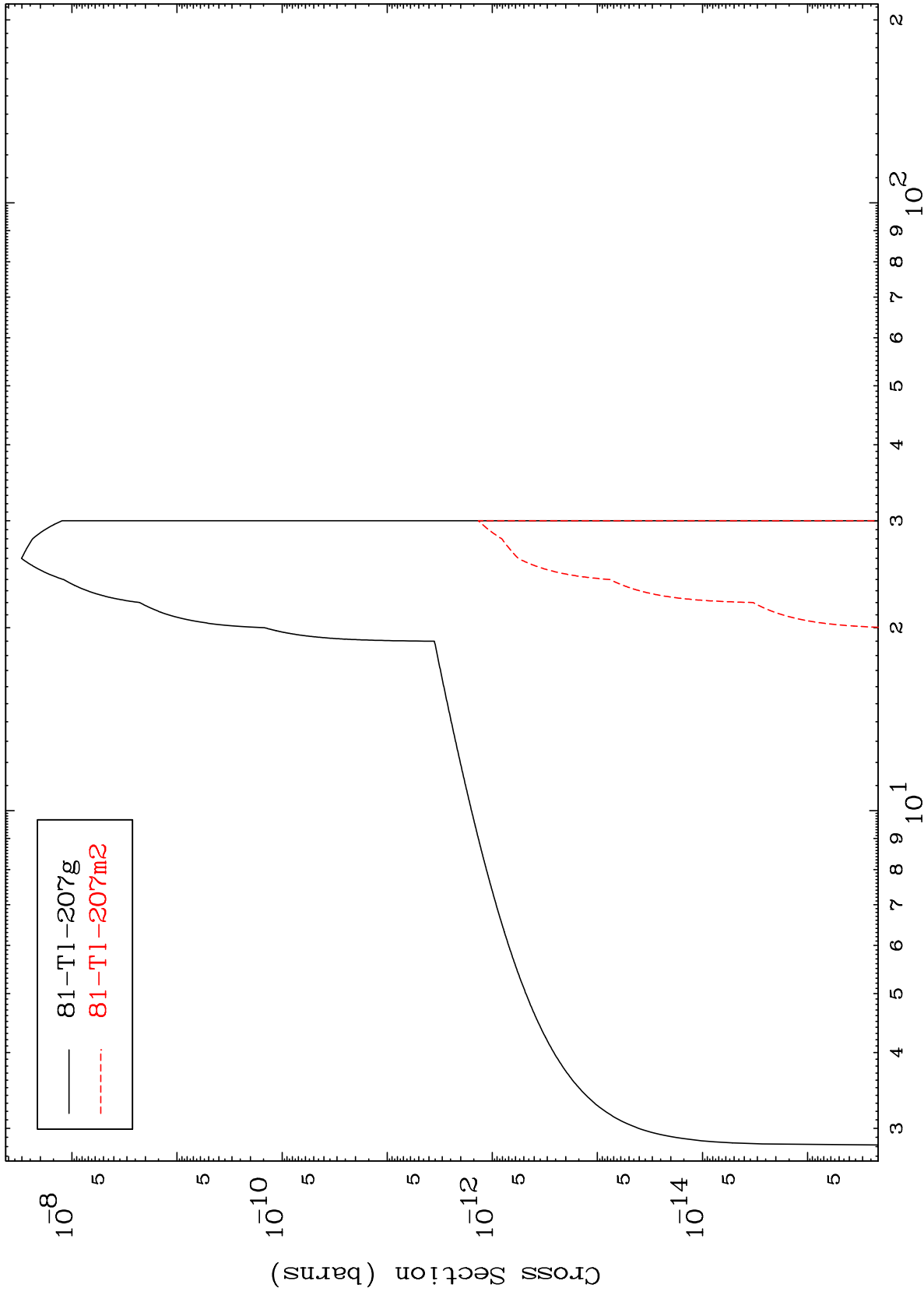
$^{83}\text{Bi}-213$

MAT 8337

$(\alpha, 2n) 2\alpha$

83-Bi-213

Radionuclide Production Cross Section



14

Incident Energy (MeV)

83-Bi-213